

Amendments to the Claims:

Please amend the claims to read as follows:

1-24. (Canceled)

25. (Previously presented) A method for enlarging the diameter of an artery or vein in a human subject in need thereof, the method comprising:

locally administering to the wall of the artery or vein in the human subject a composition comprising an elastase in a dose sufficient to cause enlargement of the diameter of the artery or vein.

26-39. (Canceled)

40. (Previously presented) The method of claim 25, wherein the composition comprises a pancreatic elastase.

41. (Previously presented) The method of claim 25 or 40, wherein the method further comprises inserting a portion of a delivery apparatus into the wall of the artery or vein.

42. (Previously presented) The method of claim 25 or 40, wherein the composition is administered by a catheter.

43. (Previously presented) The method of claim 25 or 40, wherein the composition is administered directly into the wall of the artery or vein.

44. (Previously presented) The method of claim 25 or 40, wherein the artery or vein is obstructed.

45. (Previously presented) The method of claim 44, wherein the artery or vein is obstructed by stenosis.

46. (Previously presented) The method of claim 44, wherein the obstruction permits passage of an insufficient volume of blood prior to the treatment.

47. (Previously presented) The method of claim 46, wherein the obstruction is a stenosis.

48. (Previously presented) The method of claim 44, wherein the artery or vein is obstructed by intimal hyperplasia.

49. (Previously presented) The method of claim 25 or 40, wherein the composition is administered to an obstructed coronary artery.

50. (Previously presented) The method of claim 25 or 40, wherein the artery or vein is susceptible to obstruction by intimal hyperplasia.

51. (Previously presented) The method of claim 50, wherein the composition is administered to the wall of a vein.

52. (Previously presented) The method of claim 51, wherein the vein is connected to an arteriovenous hemodialysis graft.

53. (Previously presented) The method of claim 50, wherein the vein is for use in hemodialysis.

54. (Previously presented) The method of claim 53, further comprising connecting the vein to an artery via a graft.

55. (New) The method of claim 25 or 40, wherein the composition does not comprise a collagenase.

56. (New) The method of claim 25 or 40, wherein the composition is administered to the exterior of the artery or vein.

57. (New) The method of claim 25 or 40, wherein the human subject is in need of prophylactic treatment.